

**REMARKS**

Claims 21-40 are pending. By this Amendment, claims 21, 25, 26, 29, 30, 34, 35 and 38 are amended. Support for the amendments to claims 21, 25, 26, 29, 30, 34, 35 and 38 can be found in the specification, for example, at paragraphs [0010] and [0011]. No new matter is added.

Claims 21, 22, 27-31 and 36-40 are rejected under 35 U.S.C. §103(a) over Kustermann (U.S. Patent No. 6,248,174) in view of Griech et al. (U.S. Patent No. 6,521,089); claims 23-25, 28, 32-34 and 37 are rejected under 35 U.S.C. §103(a) over Kustermann in view of Griech and in further view of Belotserkovsky (U.S. Patent No. 6,183,561); claims 21-24, 26-34 and 36-40 are rejected under 35 U.S.C. §103(a) over Belotserkovsky in view of Griech and in further view of Kustermann; and claims 26 and 35 are rejected under 35 U.S.C. §103(a) over either Kustermann and Griech, or Belotserkovsky and Workman (U.S. Patent No. 6,452,679). The rejections are respectfully traversed.

Kustermann, Griech, Belotserkovsky and Workman, alone or in a permissible combination, do not teach or suggest every claimed feature of independent claims 21 and 30. Kustermann, Griech, Belotserkovsky and Workman do not teach or suggest measuring a chemical composition of a coating to be transferred to the paper web, as recited in independent claim 21; and a second measuring device arranged to measure a chemical composition of a coating to be transferred to the paper web, as recited in independent claim 30.

The Office Action asserts that Griech teaches measuring a component of the paper web, or the ratio of two or more components of the paper web, at col. 7-9, in particular col. 8, lines 40-52 (see Office Action, page 3). However, this passage does not relate to the chemical composition of a component of the coating to be transferred to the paper web (see col. 8, lines 40-52 of Griech).

Kustermann and Belotserkovsky do not remedy Griech's deficiencies. As acknowledged on page 2 of the Office Action, "Kustermann is directed towards control of the quantity of coating, i.e., the amount" (emphasis added). Belotserkovsky is applied by the Office Action only for its alleged teaching of measuring an amount of a component of the coating to be transferred to the paper web using reflection measurement (see Office Action, page 6). Therefore, Kustermann and Belotserkovsky do not teach or suggest measuring a chemical composition of a coating to be transferred to the paper web, as recited in independent claims 21 and 30.


Workman does not remedy the above-described deficiencies of Griech, Kustermann and Belotserkovsky. The Office Action asserts that Workman teaches using infrared and raman spectroscopy to monitor the composition of a coating that is applied to a web (see Office Action, page 14). However, as disclosed in col. 5, lines 32-43 of Workman, the term "composition" is used to refer to the concentration of the component of the web, and not the chemical composition of the coating to be transferred to the paper web. Therefore, Workman also does not teach or suggest measuring a chemical composition of a coating to be transferred to the paper web, as recited in independent claims 21 and 30.

Therefore, for at least these reasons, independent claims 21 and 30 are patentable over any alleged combination of Kustermann, Griech, Belotserkovsky and Workman. Claims 22-29 and 31-40 respectively depend from independent claims 21 and 30. Therefore, claims 22-29 and 31-40 are also patentable over Kustermann, Griech, Belotserkovsky and Workman for at least their dependency on independent claims 21 and 30, as well as for the additional features they recite. Applicant thus respectfully requests withdrawal of the rejections.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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JAO:PTM/lrh

Attachments:

Request for Continued Examination  
Petition for Extension of Time

Date: May 13, 2008

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